

CLAIMS

What is claimed is:

1. A system for updating the appearance of jewelry, comprising:
 - an electronic ornament to be worn by a person, having a case including: processing means, a memory for storing at least one digital image, a display for displaying a selected digital image from said memory, a receiver for receiving said at least one digital image and storing them in said memory, and a battery for energizing said microprocessor, said display and said receiver; and
 - an electronic consumer device including: processing means, and a transmitter for sending said at least one digital image to said receiver.
2. The system in claim 1, wherein the data received from said electronic consumer device is in a compressed form; said data is stored in said memory and is decompressed by said processing means to one image at least.
3. The system in claim 1, wherein said at least one digital image is a plurality of digital images whose consecutive display forms an animated effect.
4. The system in claim 1, wherein said at least one digital image is a plurality of digital images and said transmitter sends to said receiver also control data to be stored in said memory for defining at least one of the timing, the order and the rate of displaying said plurality of images.
5. The system in claim 1, wherein said case also includes a user interface to control said display.
6. The system in claim 1, wherein said electronic consumer device is a personal computer.
7. The system in claim 1, wherein said electronic consumer device is a cellular telephone.
8. The system in claim 7, wherein said electronic ornament forms a detachable part of said cellular telephone and said display is also operable as a functional screen of said cellular phone.

9. The system of claim 1, further comprising a server for communicating with said electronic consumer device and downloading thereto said at least one digital image.
10. The system of claim 9, wherein said server and said electronic consumer device are communicating over the Internet.
11. The system of claim 9, wherein said electronic consumer device is a cellular telephone, communicating with said server over a cellular network.
12. The system of claim 9, wherein said electronic consumer device is capable of changing said digital images received from said server using image processing techniques.
13. The system of claim 9, wherein said digital images received from said server are in a compressed form; said digital images are decompressed by said electronic consumer device, to be transmitted to said electronic ornament.
14. The system of claim 9, wherein said server activates an application according to control data received from said electronic consumer device, for changing said digital images using image processing techniques; and afterwards transmitting said digital images to said electronic consumer device.
15. The system in claim 9, wherein said server also incorporates a data base for storing digital images and animations with at least one related attribute for each, such that said application in said electronic consumer device is able to receive from said server at least one image or animation which its related attribute matches selection criteria.
16. The system in claim 9, also comprising:
 - a cradle for holding said electronic ornament, the cradle including a circuitry for electronically coupling the electronic ornament to said electronic consumer device, for downloading digital images to the electronic ornament memory, said circuitry also charging a rechargeable battery of said electronic ornament;
 - said cradle also capable of holding a memory card, the card electronically producing a code, identifying the card owner to said server for crediting purposes;

said cradle also capable of holding another type of memory card, the card holding digital images or animations in its memory, which said electronic circuit of said electronic ornament can access for reading.

17. A method for updating the appearance of electronic ornament, said electronic ornament incorporating a microprocessor, a memory for storing at least one digital image, a display for displaying a selected digital image from said memory, a receiver for receiving said at least one digital image and storing them in said memory, and a battery for energizing said microprocessor, said display and said receiver; said method comprising:

activating an application in an electronic consumer device, said electronic consumer device incorporating processing means and a transmitter, for creating digital images;

activating said application to transmit said digital images from said electronic consumer device to said electronic ornament via said transmitter;

receiving said digital images by said receiver incorporated in said electronic ornament for storing it in said memory;

and sending said stored digital images to be displayed on said electronic display.

18. The method in claim 17, wherein said case also includes a user interface to control said display.

19. The method in claim 17, wherein said electronic consumer device is a personal computer.

20. The method in claim 17, wherein said electronic consumer device is a cellular telephone.

21. The system in claim 20, wherein said electronic ornament forms a detachable part of said cellular telephone and said display is also operable as a functional screen of said cellular phone.

22. The method in claim 17, further comprising: downloading at least one digital image by said electronic consumer device, said at least one digital image sent by a server communicating with said electronic consumer device.

23. The method in claim 22, wherein said server and said electronic consumer device are communicating over the Internet.

24. The method in claim 22, wherein said electronic consumer device is a cellular telephone, communicating with said server over a cellular network.

25. The method in claim 22, wherein said electronic consumer device is capable of changing said digital images received from said server using image processing techniques.

26. The method in claim 22, wherein said digital images received from said server are in a compressed form; said digital images are decompressed by said electronic consumer device, to be transmitted to said electronic ornament.

27. The method in claim 22, further comprising: activating an application in said server according to control data received from said electronic consumer device, for changing said digital images, using image processing techniques; and transmitting said digital images from said server to said electronic consumer device.

28. The method in claim 22, wherein said server also incorporates a data base for storing digital images and animations with at least one related attribute for each, such that said application in said electronic consumer device is able to receive from said server at least one image or animation which its related attribute matches selection criteria.